

SPATFULL, JAPIO' ENTERED AT 12:43:38 ON 29 MAY 2002

E DOYLE
L11 4559 S E3 AND RON OR RONALD
L12 1 S L11 AND INHIBITING (L) ADE
L13 25 S L11 AND INHIBITING (L) ADHESION
L14 25 S L11 AND INHIBITING (L) ADHESION
L15 1 S L14 AND STAPHYLOCOCCUS
E DOYLE
E E3 RJ
E DOYLE
L16 1 S E3 AND RJ
E DOYLE
L17 359 S E3 AND INHIBITING
L18 80 S L17 AND ADHESION
L19 16 S L18 AND MICROORGANISM
L20 16 DUP REM L19 (0 DUPLICATES REMOVED)

=>

20 ANSWER 1 OF 16 USPATFULL

ACCESSION NUMBER: 2002:92094 USPATFULL
TITLE: Anti-microbial-**adhesion** fraction derived from
vaccinium
INVENTOR(S): Ofek, Itzhak, Givataun, ISRAEL
Weiss, Ervin, Herzeliya, ISRAEL
Kashman, Yoel, Tel Aviv, ISRAEL
Goldhar, Janina, Tel Aviv, ISRAEL
Sharon, Nathan, Tel Aviv, ISRAEL

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002048611	A1	20020425
APPLICATION INFO.:	US 2001-916486	A1	20010727 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-159626, filed on 24 Sep 1998, GRANTED, Pat. No. US 6303125 Continuation-in-part of Ser. No. US 1996-772021, filed on 19 Dec 1996, GRANTED, Pat. No. US 5840322		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	KOHN & ASSOCIATES, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI, 48334		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Page(s)		
LINE COUNT:	1642		

L20 ANSWER 2 OF 16 USPATFULL

ACCESSION NUMBER: 2002:48017 USPATFULL
TITLE: NUCLEIC ACID ENCODING FELINE CD86
INVENTOR(S): COLLISSON, ELLEN W., COLLEGE STATION, TX, UNITED STATES
HASH, STEPHEN M., AUSTIN, TX, UNITED STATES
CHOI, INSOO, COLLEGE STATION, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002028208	A1	20020307
APPLICATION INFO.:	US 1999-303510	A1	19990430 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-83869P	19980501 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN P WHITE, COOPER AND DUNHAM LLP, 1185 AVENUE OF THE AMERICAS, NEW YORK, NY, 10036	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Page(s)	
LINE COUNT:	4890	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L20 ANSWER 3 OF 16 USPATFULL

ACCESSION NUMBER: 2002:16560 USPATFULL
TITLE: Methods and compositions for **inhibiting
adhesion by microorganisms**
INVENTOR(S): Doyle, Ron J., Louisville, KY, UNITED STATES
Cowan, M. M., Cincinnati, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002009436	A1	20020124
APPLICATION INFO.:	US 2000-750857	A1	20001229 (9)

NUMBER	DATE
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PRIORITY INFORMATION: US 1999-173821P 19991230 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MERCHANT & GOULD PC, P.O. BOX 2903, MINNEAPOLIS, MN,
55402-0903
NUMBER OF CLAIMS: 50
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 2655
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 16 USPATFULL

ACCESSION NUMBER: 2001:188693 USPATFULL
TITLE: Peptide inhibitors of LFA-1/ICAM-1 interaction
INVENTOR(S): Larson, Richard S., Albuquerque, NM, United States
PATENT ASSIGNEE(S): University of New Mexico Science & Technology
Corporation (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001034326	A1	20011025
APPLICATION INFO.:	US 2001-760599	A1	20010116 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-483550, filed on 14 Jan 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Timothy S. Corder, VINSON & ELKINS L.L.P., 2300 First City Tower, 1001 Fannin Street, Houston, TX, 77002-6760		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	1270		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L20 ANSWER 5 OF 16 USPATFULL

ACCESSION NUMBER: 2001:191256 USPATFULL
TITLE: USPA1 and USPA2 antigens of Moraxella catarrhalis
INVENTOR(S): Hansen, Eric J., Plano, TX, United States
Aebi, Christoph, Gasel, Switzerland
Cope, Leslie D., Mesquite, TX, United States
Maciver, Isobel, Cottage Grove, WI, United States
Fiske, Michael J., Rochester, NY, United States
PATENT ASSIGNEE(S): Fredenburg, Ross A., Rochester, NY, United States
Board of Regents, The University of Texas, Austin, TX,
United States (U.S. corporation)
American Cyanamid, Madison, NJ, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6310190	B1	20011030
APPLICATION INFO.:	US 1999-336447		19990621 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 1997-US23930, filed on 19 Dec 1997		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-33598P	19961220 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Jones, W. Gary	
ASSISTANT EXAMINER:	Soudaya, Jehanne	
LEGAL REPRESENTATIVE:	Fulbright & Jaworski	
NUMBER OF CLAIMS:	2	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 17 Drawing Page(s)	

LINE COUNT: 4794
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 6 OF 16 USPATFULL

ACCESSION NUMBER: 2001:178635 USPATFULL
TITLE: Anti-microbial-**adhesion** fraction derived from
vaccinium
INVENTOR(S): Ofek, Itzhak, Givataun, Israel
Weiss, Ervin, Herzeliya, Israel
Kashman, Yoel, Tel Aviv, Israel
Goldhar, Janina, Tel Aviv, Israel
Sharon, Nathan, Tel Aviv, Israel
PATENT ASSIGNEE(S): RAMOT-University Authority for Applied Research and
Industrial Development Ltd., Ramat-Aviv, Tel Aviv,
Israel (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6303125	B1	20011016
APPLICATION INFO.:	US 1998-159626		19980924 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-772021, filed on 19 Dec 1996, now patented, Pat. No. US 5840322		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Celsa, Bennett		
LEGAL REPRESENTATIVE:	Kohn & Associates		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	1574		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 16 USPATFULL

ACCESSION NUMBER: 2001:158463 USPATFULL
TITLE: p62 polypeptides, related polypeptides, and uses
therefor
INVENTOR(S): Shin, Jaekyoon, Westwood, MA, United States
Joung, Insil, Boston, MA, United States
Vadlamudi, Ratna K., Norwood, MA, United States
Strominger, Jack L., Lexington, MA, United States
PATENT ASSIGNEE(S): Dana-Farber Cancer Institute, Boston, MA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6291645	B1	20010918
APPLICATION INFO.:	US 1999-357014		19990719 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-574959, filed on 19 Dec 1995, now patented, Pat. No. US 5962224		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wang, Andrew		
LEGAL REPRESENTATIVE:	Lahive & Cockfield, LLP		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	61 Drawing Figure(s); 50 Drawing Page(s)		
LINE COUNT:	3156		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 16 USPATFULL

ACCESSION NUMBER: 2000:117767 USPATFULL
TITLE: Inhibitors of bacterial sialidase
INVENTOR(S): Luo, Ming, Birmingham, AL, United States
White, Clinton L., Birmingham, AL, United States
PATENT ASSIGNEE(S): University of Alabama, Birmingham, AL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6114386		20000905
APPLICATION INFO.:	US 1997-950235		19971014 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-433290, filed on 3 May 1995, now patented, Pat. No. US 5714509		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Dentz, Bernard		
LEGAL REPRESENTATIVE:	Needle & Rosenberg, P.C.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	2056		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L20 ANSWER 9 OF 16 USPATFULL

ACCESSION NUMBER: 1999:146558 USPATFULL
 TITLE: Methods of **inhibiting** bacterial sialidase
 INVENTOR(S): Luo, Ming, Birmingham, AL, United States
 PATENT ASSIGNEE(S): The University of Alabama, Birmingham, AL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5985859		19991116
APPLICATION INFO.:	US 1995-485380		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-227549, filed on 14 Apr 1994, now patented, Pat. No. US 5453533		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Geist, Gary		
ASSISTANT EXAMINER:	Keys, Rosalynd A.		
LEGAL REPRESENTATIVE:	Needle & Rosenberg, P.C.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1620		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L20 ANSWER 10 OF 16 USPATFULL

ACCESSION NUMBER: 1999:121127 USPATFULL
 TITLE: Isolated DNA encoding p62 polypeptides and uses therefor
 INVENTOR(S): Shin, Jaekyoon, Westwood, MA, United States
 Joung, Insil, Boston, MA, United States
 Vadlamudi, Ratna K., Norwood, MA, United States
 Strominger, Jack L., Lexington, MA, United States
 PATENT ASSIGNEE(S): Dana-Farber Cancer Institute, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5962224		19991005
APPLICATION INFO.:	US 1995-574959		19951219 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Elliott, George C.		
ASSISTANT EXAMINER:	Wang, Andrew		
LEGAL REPRESENTATIVE:	Mandragouras, Amy E.Lahive & Cockfield, LLP		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	32 Drawing Figure(s); 52 Drawing Page(s)		
LINE COUNT:	4194		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L20 ANSWER 11 OF 16 USPATFULL

ACCESSION NUMBER: 1999:59136 USPATFULL
TITLE: DNA binding protein S1-3
INVENTOR(S): Lecka-Czernik, Beata, Little Rock, AR, United States
PATENT ASSIGNEE(S): University of Arkansas, Little Rock, AR, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5905146		19990518
APPLICATION INFO.:	US 1996-616857		19960315 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Robinson, Douglas W.		
ASSISTANT EXAMINER:	Nelson, Amy J.		
LEGAL REPRESENTATIVE:	Adler, Benjamin Aaron		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	3236		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 12 OF 16 USPATFULL

ACCESSION NUMBER: 1998:147050 USPATFULL
TITLE: Anti-oral-microbial **adhesion** fraction derived
from vaccinium
INVENTOR(S): Weiss, Ervin, Herzeliya, Israel
Ofek, Itzhak, Givataun, Israel
Kashman, Yoel, Tel Aviv, Israel
Goldhar, Janina, Tel Aviv, Israel
Sharon, Nathan, Tel Aviv, Israel
PATENT ASSIGNEE(S): Ramot-University Authority For Applied Research &
Industrial Devel. Ltd., Israel (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5840322		19981124
APPLICATION INFO.:	US 1996-772021		19961219 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Levy, Neil S.		
LEGAL REPRESENTATIVE:	Kohn & Associates		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1370		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 13 OF 16 USPATFULL

ACCESSION NUMBER: 1998:12050 USPATFULL
TITLE: Inhibitors of bacterial sialidase and methods of making
and using the same
INVENTOR(S): Luo, Ming, Birmingham, AL, United States
White, Clinton L., Birmingham, AL, United States
PATENT ASSIGNEE(S): The University of Alabama, Birmingham, AL, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5714509		19980203
APPLICATION INFO.:	US 1995-433290		19950503 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Dentz, Bernard		
LEGAL REPRESENTATIVE:	Needle & Rosenberg, P.C.		

NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 8 Drawing Page(s)
LINE COUNT: 2315
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 14 OF 16 USPATFULL

ACCESSION NUMBER: 97:51973 USPATFULL
TITLE: Peptide mediated enhancement of thrombolysis methods
and compositions
INVENTOR(S): Lawrence, Daniel A., Ann Arbor, MI, United States
Ginsburg, David, Ann Arbor, MI, United States
Shore, Joseph D., Grosse Point Farms, MI, United States
Fay, William P., Ann Arbor, MI, United States
Olson, Steven T., Chicago, IL, United States
Francis-Chmura, Ann Marie, Warren, MI, United States
Eitzman, Daniel T., Ypsilanti, MI, United States
Paielli, Dell, Wyandotte, MI, United States
PATENT ASSIGNEE(S): The Regents of the University of Michigan, Ann Arbor,
MI, United States (U.S. corporation)
Henry Ford Health System, Detroit, MI, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5639726		19970617
APPLICATION INFO.:	US 1994-315461		19940930 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Davenport, Avis M.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	59		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	4817		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 15 OF 16 USPATFULL

ACCESSION NUMBER: 96:111346 USPATFULL
TITLE: B7IG fusion protein
INVENTOR(S): Linsley, Peter S., Seattle, WA, United States
Ledbetter, Jeffrey A., Seattle, WA, United States
Damle, Nitin K., Renton, WA, United States
Brady, William, Bothell, WA, United States
PATENT ASSIGNEE(S): Bristol-Myers Squibb Co., Seattle, WA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5580756		19961203
APPLICATION INFO.:	US 1994-219518		19940329 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-722101, filed on 27 Jun 1991 which is a continuation-in-part of Ser. No. US 1990-547980, filed on 2 Jul 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-498949, filed on 26 Mar 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Adams, Donald E.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	2405		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L26 ANSWER 16 OF 16 USPATFULL

ACCESSION NUMBER: 96:46143 USPATFULL
TITLE: CD28IG fusion protein
INVENTOR(S): Linsley, Peter S., Seattle, WA, United States
Ledbetter, Jeffrey A., Seattle, WA, United States
Damle, Nitin K., Renton, WA, United States
Brady, William, Bothell, WA, United States
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, Seattle, WA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5521288		19960528
APPLICATION INFO.:	US 1994-219116		19940329 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1991-722101, filed on 27 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-547980, filed on 2 Jul 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-498949, filed on 26 Mar 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Adams, Donald E.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	2425		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L21</u>	L19 and prokaryote	36	<u>L21</u>
<u>L20</u>	L19 and procaryote	0	<u>L20</u>
<u>L19</u>	L17 and asparaginase	105	<u>L19</u>
<u>L18</u>	L17 and enzym?	1277	<u>L18</u>
<u>L17</u>	L16 and microorganism	1853	<u>L17</u>
<u>L16</u>	L15 and l14	14985	<u>L16</u>
<u>L15</u>	inhibiting	208066	<u>L15</u>
<u>L14</u>	adhesion	361233	<u>L14</u>
<u>L13</u>	NPM/B23	0	<u>L13</u>
<u>L12</u>	L9 and NPM/B23	0	<u>L12</u>
<u>L11</u>	L9 and nucleophosmin	0	<u>L11</u>
<u>L10</u>	L9 and nuclear	41	<u>L10</u>
<u>L9</u>	L7 and eukaryot?	358	<u>L9</u>
<u>L8</u>	L7 eukaryot?	12545	<u>L8</u>
<u>L7</u>	L2 and streptococcus	10449	<u>L7</u>
<u>L6</u>	L5 and streptococc?	13	<u>L6</u>
<u>L5</u>	L4 and eukaryot?	644	<u>L5</u>
<u>L4</u>	L3 and target?	7054	<u>L4</u>
<u>L3</u>	L2 and nuclear	65554	<u>L3</u>
<u>L2</u>	protein (1W) H	2829695	<u>L2</u>
<u>L1</u>	protein (2W) H	2830467	<u>L1</u>

END OF SEARCH HISTORY

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L21: Entry 1 of 36

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061834

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020061834 A1

TITLE: Human G-protein Chemokine receptor (CCR5) HDGNR10

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Roschke, Viktor	Rockville	MD	US	
Li, Yi	Sunnyvale	CA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: [514/1](#); [435/320.1](#), [435/325](#), [435/69.1](#), [530/350](#), [536/23.5](#)

Full	Title	Caption	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWD	Draw Desc	Image
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☐ 2. Document ID: US 20020061567 A1

L21: Entry 2 of 36

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061567

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020061567 A1

TITLE: Novel nucleic acids and polypeptides

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Liu, Chenghua	San Jose	CA	US	
Zhou, Ping	Cupertino	CA	US	
Asundi, Vinod	Foster City	CA	US	
Ren, Feiyan	Cupertino	CA	US	
Zhang, Jie	Campbell	CA	US	
Zhao, Qing A.	San Jose	CA	US	
Xue, Aidong J.	Sunnyvale	CA	US	
Goodrich, Ryle	San Jose	CA	US	
Wehrman, Tom	Stanford	CA	US	
Dirmanac, Radoje T.	Palo Alto	CA	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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☐ 3. Document ID: US 20020061521 A1

L21: Entry 3 of 36

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061521

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020061521 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	
Barash, Steven C.	Rockville	MD	US	

US-CL-CURRENT: 435/6; 435/69.1, 514/2, 530/300, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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☐ 4. Document ID: US 20020055627 A1

L21: Entry 4 of 36

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055627

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055627 A1

TITLE: Nucleic acids, proteins and antibodies

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 536/23.5; 435/320.1, 435/325, 435/7.2, 530/324, 530/387.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	IMC	Draw Desc	Image
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☐ 5. Document ID: US 20020055142 A1

L21: Entry 5 of 36

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055142

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020055142 A1

TITLE: Major intrinsic protein (MIP)-like polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruben, Steven A.	Olney	MD	US	
Ni, Jian	Germantown	MD	US	

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 435/7.2, 530/324, 530/387.9, 536/23.5

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

☐ 6. Document ID: US 20020052308 A1

L21: Entry 6 of 36

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052308

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020052308 A1

TITLE: Nucleic acids, proteins and antibodies

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 514/1; 435/183, 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 530/350, 536/23.1

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Image](#)

☐ 7. Document ID: US 20020051984 A1

L21: Entry 7 of 36

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020051984

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020051984 A1

TITLE: Kringle domain-containing polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ni, Jian	Germantown	MD	US	
Moore, Paul A.	Germantown	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/6; 435/183, 435/69.1, 435/7.1, 514/12, 514/44, 530/350, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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NAME	Draw Desc	Image
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☐ 8. Document ID: US 20020048786 A1

L21: Entry 8 of 36

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020048786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020048786 A1

TITLE: Human G-protein Chemokine Receptor HDGMR10

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Roschke, Viktor	Rockville	MD	US	
Li, Yi	Sunnyvale	CA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 424/130.1, 435/325, 435/7.2, 514/12, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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NAME	Draw Desc	Image
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☐ 9. Document ID: US 20020044941 A1

L21: Entry 9 of 36

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020044941

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020044941 A1

TITLE: Nucleic acids, proteins and antibodies

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 424/184.1; 435/183, 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 514/44, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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NAME	Draw Desc	Image
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☐ 10. Document ID: US 20020042386 A1

L21: Entry 10 of 36

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042386

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042386 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	
Barash, Steven C.	Rockville	MD	US	

US-CL-CURRENT: 514/44; 435/325, 435/6, 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Generate Collection

Print

Terms

Documents

L19 and prokaryote

36

Display Format: CIT

Change Format

[Previous Page](#)

[Next Page](#)

WEST

[Generate Collection](#)[Print](#)

Search Results - Record(s) 11 through 20 of 36 returned.

☐ 11. Document ID: US 20020042372 A1

L21: Entry 11 of 36

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042372

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042372 A1

TITLE: Stanniocalcin polynucleotides, polypeptides, and methods based thereon

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Olsen, Henrik S.	Gaithersburg	MD	US	
Zhang, Ke-Zhou	Brussels		BE	
Lindsberg, Perttu	Helsinki		FI	
Tatlisumak, Turgut	Helsinki		FI	
Kaste, Markku	Vantaa		FI	
Andersson, Leif C.	Helsinki		FI	

US-CL-CURRENT: [514/12](#); [424/145.1](#), [530/388.24](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Index](#) | [Draw Desc](#) | [Image](#)☐ 12. Document ID: US 20020042096 A1

L21: Entry 12 of 36

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042096

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042096 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	
Barash, Steven C.	Rockville	MD	US	

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [536/23.2](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[Index](#) | [Draw Desc](#) | [Image](#)

☐ 13. Document ID: US 20020039764 A1

L21: Entry 13 of 36

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039764

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020039764 A1

TITLE: Nucleic, acids, proteins, and antibodies

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 14. Document ID: US 20020037549 A1

L21: Entry 14 of 36

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037549

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037549 A1

TITLE: ABC transport polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruben, Steven M.	Olney	MD	US	
Ni, Jian	Germantown	MD	US	
Moore, Paul A.	Germantown	MD	US	

US-CL-CURRENT: 435/69.1; 435/183, 435/325, 435/6, 435/7.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Ident	Draw Desc	Image
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☐ 15. Document ID: US 20020037523 A1

L21: Entry 15 of 36

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037523

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037523 A1

TITLE: IL-6-like polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruben, Steven M.	Olney	MD	US	
Shi, Yanggu	Gaithersburg	MD	US	

US-CL-CURRENT: 435/6; 424/85.2, 435/320.1, 435/325, 435/69.52, 435/7.1, 530/351,
535/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 16. Document ID: US 20020031508 A1

L21: Entry 16 of 36

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031508
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020031508 A1

TITLE: Methods for diagnosing and treating hemostatic disorders by modulating
P-selectin activity

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wagner, Denisa D.	Wellesley	MA	US	
Andre, Patrick	Jamaica Plain	MA	US	
Hartwell, Daqing W.	Brookline	MA	US	
Hrachovinova, Ingrid	Jamaica Plain	MA	US	

US-CL-CURRENT: 424/94.63; 424/145.1, 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMNC	Draw Desc	Image
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☐ 17. Document ID: US 20020028449 A1

L21: Entry 17 of 36

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028449
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020028449 A1

TITLE: 26 Human secreted proteins

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruben, Steven M.	Olney	MD	US	
Birse, Charles E.	North Potomac	MD	US	
Duan, Roxanne D.	Bethesda	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Rosen, Craig A.	Laytonsville	MD	US	
Shi, Yanggu	Gaithersburg	MD	US	
LaFleur, David W.	Washington	DC	US	
Olsen, Henrik	Gaithersburg	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Florence, Kimberly A.	Rockville	MD	US	
Ni, Jian	Rockville	MD	US	
Young, Paul	Gaithersburg	MD	US	

US-CL-CURRENT: 435/6; 435/183, 435/69.1, 530/388.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMC	Draw Desc	Image
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☐ 18. Document ID: US 20020026040 A1

L21: Entry 18 of 36

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020026040

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020026040 A1

TITLE: 49 human secreted proteins

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Paul A.	Germantown	MD	US	
Ruben, Steven M.	Olney	MD	US	
Olsen, Henrik S.	Gaithersburg	MD	US	
Shi, Yanggu	Gaithersburg	MD	US	
Rosen, Craig A.	Laytonsville	MD	US	
Florence, Kimberly A.	Rockville	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
LaFleur, David W.	Washington	DC	US	
Endress, Gregory A.	Potomac	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Komatsoulis, George	Silver Spring	MD	US	
Duan, Roxanne D.	Bethesda	MD	US	

US-CL-CURRENT: 536/23.1; 435/6, 530/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMC	Draw Desc	Image
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☐ 19. Document ID: US 20020025553 A1

L21: Entry 19 of 36

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020025553
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020025553 A1

TITLE: Transforming growth factor alpha HIII

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wei, Ying-Fei	Berkeley	CA	US	

US-CL-CURRENT: [435/69.1](#); [435/325](#), [435/7.1](#), [530/399](#), [536/23.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMMC	Draw Desc	Image
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☐ 20. Document ID: US 20020012966 A1

L21: Entry 20 of 36

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012966
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020012966 A1

TITLE: 18 Human secreted proteins

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shi, Yanggu	Gaithersburg	MD	US	
Young, Paul E.	Gaithersburg	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: [435/69.1](#); [435/183](#), [435/325](#), [530/350](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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MMMC	Draw Desc	Image
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Generate Collection

Print

Terms

Documents

L19 and prokaryote

36

Display Format:

CIT

Change Format

[Previous Page](#)

[Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 30 of 36 returned.**☐ 21. Document ID: US 20020009786 A1

L21: Entry 21 of 36

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009786 A1

TITLE: Novel nucleic acids and polypeptides

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Zhou, Ping	Cupertino	CA	US	
Goodrich, Ryle	San Jose	CA	US	
Liu, Chenghua	San Jose	CA	US	
Asundi, Vinod	Foster City	CA	US	
Xue, Aidong J.	Sunnyvale	CA	US	
Zhang, Jie	Campbell	CA	US	
Zhao, Qing A.	San Jose	CA	US	
Ren, Feiyan	Cupertino	CA	US	
Drmanac, Radoje T.	Palo Alto	CA	US	

US-CL-CURRENT: [435/183](#); [435/325](#), [435/69.1](#), [536/23.2](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[NMC](#) [Draw Desc](#) [Image](#)☐ 22. Document ID: US 20020009436 A1

L21: Entry 22 of 36

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009436

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009436 A1

TITLE: Methods and compositions for inhibiting adhesion by microorganisms

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doyle, Ron J.	Louisville	KY	US	
Cowan, M. M.	Cincinnati	OH	US	

US-CL-CURRENT: [424/94.6](#); [424/94.63](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 23. Document ID: US 20020006640 A1

L21: Entry 23 of 36

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020006640

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020006640 A1

TITLE: Uteroglobin-like polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: January 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ni, Jian	Germantown	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 435/325, 435/6, 435/7.1, 514/44, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 24. Document ID: US 20020004489 A1

L21: Entry 24 of 36

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004489

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004489 A1

TITLE: Retinoid receptor interacting polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shi, Yanggu	Gaithersburg	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 514/44; 435/325, 435/69.1, 530/350, 530/388.22, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 25. Document ID: US 20010021700 A1

L21: Entry 25 of 36

File: PGPB

Sep 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010021700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010021700 A1

TITLE: 49 human secreted proteins

PUBLICATION-DATE: September 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Paul A.	Germantown	MD	US	
Ruben, Steven M.	Oley	MD	US	
Olsen, Henrik S.	Gaithersburg	MD	US	
Shi, Yanggu	Gaithersburg	MD	US	
Rosen, Craig A.	Laytonsville	MD	US	
Florence, Kimberly A.	Rockville	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Lafleur, David W.	Washington	DC	US	
Endress, Gregory A.	Potomac	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Komatsoulis, George	Silver Spring	MD	US	
Duan, Roxanne D.	Bethesda	MD	US	

US-CL-CURRENT: 514/44, 435/320.1, 435/325, 435/69.1, 435/69.7, 435/7.1, 514/12,
530/350, 530/388.2, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 26. Document ID: US 6391589 B1

L21: Entry 26 of 36

File: USPT

May 21, 2002

US-PAT-NO: 6391589

DOCUMENT-IDENTIFIER: US 6391589 B1

TITLE: Human chemokine beta-10 mutant polypeptides

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olsen, Henrik S.	Gaithersburg	MD		
Li, Haodong	Gaithersburg	MD		
Adams, Mark D.	North Potomac	MD		
Gentz, Solange H. L.	Rockville	MD		
Alderson, Ralph	Gaithersburg	MD		
Li, Yuling	Germantown	MD		
Parmelee, David	Rockville	MD		
White, John R.	Coatsville	PA		
Appelbaum, Edward R.	Blue Bell	PA		

US-CL-CURRENT: 435/69.5, 424/85.1, 435/252.3, 435/254.11, 435/320.1, 435/325, 435/471,
435/71.1, 435/71.2, 514/12, 514/2, 514/8, 530/324, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 27. Document ID: US 6358508 B1

L21: Entry 27 of 36

File: USPT

Mar 19, 2002

US-PAT-NO: 6358508

DOCUMENT-IDENTIFIER: US 6358508 B1

TITLE: Antibodies to human tumor necrosis factor receptor TR9

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ni; Jian	Rockville	MD		
Yu; Guo-Liang	Berkeley	CA		
Fan; Ping	Gaithersburg	MD		
Gentz; Reiner L.	Rockville	MD		

US-CL-CURRENT: 424/139.1; 424/178.1, 530/387.9, 530/388.22, 530/389.1, 530/391.3,
530/391.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 28. Document ID: US 6323322 B1

L21: Entry 28 of 36

File: USPT

Nov 27, 2001

US-PAT-NO: 6323322

DOCUMENT-IDENTIFIER: US 6323322 B1

TITLE: Single-chain antigen-binding proteins capable of glycosylation, production and uses thereof

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Filpula; David	Piscataway	NJ		
Wang; Maoliang	E. Brunswick	NJ		
Shorr; Robert	Edison	NJ		
Whitlow; Marc	El Sobrante	CA		
Lee; Lihsyng S.	Princeton Junction	NJ		

US-CL-CURRENT: 530/387.3; 530/391.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 29. Document ID: US 6319493 B1

L21: Entry 29 of 36

File: USPT

Nov 20, 2001

US-PAT-NO: 6319493

DOCUMENT-IDENTIFIER: US 6319493 B1

TITLE: Treatment of neoplastic disease with interleukin-10

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vieira; Paulo J.	Linda-a-velha			PTX
Moore; Kevin W.	Palo Alto	CA		
de Waal Malefyt; Rene	Sunnyvale	CA		
de Vries; Jan E.	Los Altos	CA		
Fluckiger; Anne-Catherine	Los Angeles	CA		
Banchereau; Jacques	Ecully			FRX

US-CL-CURRENT: 424/85.2; 514/12, 514/2, 514/8, 514/885

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 30. Document ID: US 6156311 A

L21: Entry 30 of 36

File: USPT

Dec 5, 2000

US-PAT-NO: 6156311

DOCUMENT-IDENTIFIER: US 6156311 A

TITLE: Modulators of expression and function of LRP in alzheimer's disease

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strickland; Dudley K.	Olney	MD		
Hyman; Bradley T.	Swampscott	MA		
Kounnas; Maria Z.	Gaithersburg	MD		
Moir; Robert D.	Boston	MA		
Tanzi; Rudolph E.	Canton	MA		

US-CL-CURRENT: 424/130.1; 424/143.1, 424/152.1, 514/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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[Generate Collection](#)[Print](#)[Terms](#)[Documents](#)

L19 and prokaryote

36

Display Format:[CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 30 of 36 returned.**☐ 21. Document ID: US 20020009786 A1

L21: Entry 21 of 36

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009786 A1

TITLE: Novel nucleic acids and polypeptides

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Zhou, Ping	Cupertino	CA	US	
Goodrich, Ryle	San Jose	CA	US	
Liu, Chenghua	San Jose	CA	US	
Asundi, Vinod	Foster City	CA	US	
Xue, Aidong J.	Sunnyvale	CA	US	
Zhang, Jie	Campbell	CA	US	
Zhao, Qing A.	San Jose	CA	US	
Ren, Feiyan	Cupertino	CA	US	
Drmanac, Radoje T.	Palo Alto	CA	US	

US-CL-CURRENT: [435/183](#); [435/325](#), [435/69.1](#), [536/23.2](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)☐ 22. Document ID: US 20020009436 A1

L21: Entry 22 of 36

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009436

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009436 A1

TITLE: Methods and compositions for inhibiting adhesion by microorganisms

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doyle, Ron J.	Louisville	KY	US	
Cowan, M. M.	Cincinnati	OH	US	

US-CL-CURRENT: [424/94.6](#); [424/94.63](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 23. Document ID: US 20020006640 A1

L21: Entry 23 of 36

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020006640

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020006640 A1

TITLE: Uteroglobin-like polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: January 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ni, Jian	Germantown	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/69.1; 435/325, 435/6, 435/7.1, 514/44, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 24. Document ID: US 20020004489 A1

L21: Entry 24 of 36

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004489

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004489 A1

TITLE: Retinoid receptor interacting polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shi, Yanggu	Gaithersburg	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 514/44; 435/325, 435/69.1, 530/350, 530/388.22, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 25. Document ID: US 20010021700 A1

L21: Entry 25 of 36

File: PGPB

Sep 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010021700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010021700 A1

TITLE: 49 human secreted proteins

PUBLICATION-DATE: September 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Paul A.	Germantown	MD	US	
Ruben, Steven M.	Oley	MD	US	
Olsen, Henrik S.	Gaithersburg	MD	US	
Shi, Yanggu	Gaithersburg	MD	US	
Rosen, Craig A.	Laytonsville	MD	US	
Florence, Kimberly A.	Rockville	MD	US	
Soppet, Daniel R.	Centreville	VA	US	
Lafleur, David W.	Washington	DC	US	
Endress, Gregory A.	Potomac	MD	US	
Ebner, Reinhard	Gaithersburg	MD	US	
Komatsoulis, George	Silver Spring	MD	US	
Duan, Roxanne D.	Bethesda	MD	US	

US-CL-CURRENT: 514/44, 435/320.1, 435/325, 435/69.1, 435/69.7, 435/7.1, 514/12,
530/350, 530/388.2, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 26. Document ID: US 6391589 B1

L21: Entry 26 of 36

File: USPT

May 21, 2002

US-PAT-NO: 6391589

DOCUMENT-IDENTIFIER: US 6391589 B1

TITLE: Human chemokine beta-10 mutant polypeptides

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olsen, Henrik S.	Gaithersburg	MD		
Li, Haodong	Gaithersburg	MD		
Adams, Mark D.	North Potomac	MD		
Gentz, Solange H. L.	Rockville	MD		
Alderson, Ralph	Gaithersburg	MD		
Li, Yuling	Germantown	MD		
Parmelee, David	Rockville	MD		
White, John R.	Coatsville	PA		
Appelbaum, Edward R.	Blue Bell	PA		

US-CL-CURRENT: 435/69.5, 424/85.1, 435/252.3, 435/254.11, 435/320.1, 435/325, 435/471,
435/71.1, 435/71.2, 514/12, 514/2, 514/8, 530/324, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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IMMC	Draw Desc	Image
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☐ 27. Document ID: US 6358508 B1

L21: Entry 27 of 36

File: USPT

Mar 19, 2002

US-PAT-NO: 6358508

DOCUMENT-IDENTIFIER: US 6358508 B1

TITLE: Antibodies to human tumor necrosis factor receptor TR9

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ni; Jian	Rockville	MD		
Yu; Guo-Liang	Berkeley	CA		
Fan; Ping	Gaithersburg	MD		
Gentz; Reiner L.	Rockville	MD		

US-CL-CURRENT: 424/139.1; 424/178.1, 530/387.9, 530/388.22, 530/389.1, 530/391.3,
530/391.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 28. Document ID: US 6323322 B1

L21: Entry 28 of 36

File: USPT

Nov 27, 2001

US-PAT-NO: 6323322

DOCUMENT-IDENTIFIER: US 6323322 B1

TITLE: Single-chain antigen-binding proteins capable of glycosylation, production and uses thereof

DATE-ISSUED: November 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Filpula; David	Piscataway	NJ		
Wang; Maoliang	E. Brunswick	NJ		
Shorr; Robert	Edison	NJ		
Whitlow; Marc	El Sobrante	CA		
Lee; Lihsyng S.	Princeton Junction	NJ		

US-CL-CURRENT: 530/387.3; 530/391.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 29. Document ID: US 6319493 B1

L21: Entry 29 of 36

File: USPT

Nov 20, 2001

US-PAT-NO: 6319493

DOCUMENT-IDENTIFIER: US 6319493 B1

TITLE: Treatment of neoplastic disease with interleukin-10

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vieira; Paulo J.	Linda-a-velha			PTX
Moore; Kevin W.	Palo Alto	CA		
de Waal Malefyt; Rene	Sunnyvale	CA		
de Vries; Jan E.	Los Altos	CA		
Fluckiger; Anne-Catherine	Los Angeles	CA		
Banchereau; Jacques	Ecully			FRX

US-CL-CURRENT: [424/85.2](#); [514/12](#), [514/2](#), [514/8](#), [514/885](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 30. Document ID: US 6156311 A

L21: Entry 30 of 36

File: USPT

Dec 5, 2000

US-PAT-NO: 6156311

DOCUMENT-IDENTIFIER: US 6156311 A

TITLE: Modulators of expression and function of LRP in alzheimer's disease

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Strickland; Dudley K.	Olney	MD		
Hyman; Bradley T.	Swampscott	MA		
Kounnas; Maria Z.	Gaithersburg	MD		
Moir; Robert D.	Boston	MA		
Tanzi; Rudolph E.	Canton	MA		

US-CL-CURRENT: [424/130.1](#); [424/143.1](#), [424/152.1](#), [514/2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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L19 and prokaryote

36

Display Format: [CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

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Search Results - Record(s) 31 through 36 of 36 returned.☐ 31. Document ID: US 6106823 A

L21: Entry 31 of 36

File: USPT

Aug 22, 2000

US-PAT-NO: 6106823

DOCUMENT-IDENTIFIER: US 6106823 A

TITLE: Treatment of neoplastic disease with interleukin-10

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vieira; Paulo J.	Palo Alto	CA		
Moore; Kevin W.	Palo Alto	CA		
Malefyt; Rene de Waal	Sunnyvale	CA		
de Vries; Jan E.	Los Altos	CA		
Flückiger; Anne-Catherine	Lyons			FRX
Banchereau; Jacques	Ecully			FRX

US-CL-CURRENT: 424/85.2; 514/12, 514/2, 514/8, 514/885, 530/351[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[LMAC](#) | [Draw Desc](#) | [Image](#)☐ 32. Document ID: US 5959081 A

L21: Entry 32 of 36

File: USPT

Sep 28, 1999

US-PAT-NO: 5959081

DOCUMENT-IDENTIFIER: US 5959081 A

TITLE: Zinc binding LIM protein S2-6

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lecka-Czernik; Beata	Little Rock	AR	72227	

US-CL-CURRENT: 530/358; 435/320.1, 435/325, 536/23.1[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[LMAC](#) | [Draw Desc](#) | [Image](#)☐ 33. Document ID: US 5905146 A

L21: Entry 33 of 36

File: USPT

May 18, 1999

US-PAT-NO: 5905146
DOCUMENT-IDENTIFIER: US 5905146 A
TITLE: DNA binding protein S1-3
DATE-ISSUED: May 18, 1999

INVENTOR-INFORMATION:				
NAME	CITY	STATE	ZIP CODE	COUNTRY
Lecka-Czernik; Beata	Little Rock	AR		

US-CL-CURRENT: 536/23.5; 435/252.3, 435/320.1, 435/325, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 34. Document ID: US 5703048 A

L21: Entry 34 of 36

File: USPT

Dec 30, 1997

US-PAT-NO: 5703048
DOCUMENT-IDENTIFIER: US 5703048 A
TITLE: Protection against liver damage by HGF
DATE-ISSUED: December 30, 1997

INVENTOR-INFORMATION:				
NAME	CITY	STATE	ZIP CODE	COUNTRY
Roos; Filip	Brisbane	CA		
Schwall; Ralph	Pacifica	CA		

US-CL-CURRENT: 514/12; 435/360, 514/2, 514/838, 514/893, 514/894, 530/350, 530/399

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RIMC	Draw Desc	Image
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☐ 35. Document ID: US 5654404 A

L21: Entry 35 of 36

File: USPT

Aug 5, 1997

US-PAT-NO: 5654404
DOCUMENT-IDENTIFIER: US 5654404 A
TITLE: Protection against liver damage by HGF
DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:				
NAME	CITY	STATE	ZIP CODE	COUNTRY
Roos; Filip	Brisbane	CA		
Schwall; Ralph	Pacifica	CA		

US-CL-CURRENT: 530/387.3; 424/134.1, 424/136.1, 424/178.1, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RIMC	Draw Desc	Image
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. ☐ 36. Document ID: US 5286654 A

L21: Entry 36 of 36

File: USPT

Feb 15, 1994

US-PAT-NO: 5286654

DOCUMENT-IDENTIFIER: US 5286654 A

TITLE: Detection and purification of activin polypeptide

DATE-ISSUED: February 15, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cox; Edward T.	Foster City	CA		
Mather; Jennie P.	Millbrae	CA		
Sliwkowski; Mary B.	San Carlos	CA		
Woodruff; Teresa K.	Millbrae	CA		

US-CL-CURRENT: 436/501; 436/536, 530/388.22, 530/395, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
L19 and prokaryote	36

Display Format: [CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

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L21: Entry 31 of 36

File: USPT

Aug 22, 2000

US-PAT-NO: 6106823

DOCUMENT-IDENTIFIER: US 6106823 A

TITLE: Treatment of neoplastic disease with interleukin-10

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vieira; Paulo J.	Palo Alto	CA		
Moore; Kevin W.	Palo Alto	CA		
Malefyt; Rene de Waal	Sunnyvale	CA		
de Vries; Jan E.	Los Altos	CA		
Fluckiger; Anne-Catherine	Lyons			FRX
Banchereau; Jacques	Ecully			FRX

US-CL-CURRENT: [424/85.2](#); [514/12](#), [514/2](#), [514/8](#), [514/885](#), [530/351](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[RMC](#) | [Draw Desc](#) | [Image](#)☐ 32. Document ID: US 5959081 A

L21: Entry 32 of 36

File: USPT

Sep 28, 1999

US-PAT-NO: 5959081

DOCUMENT-IDENTIFIER: US 5959081 A

TITLE: Zinc binding LIM protein S2-6

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lecka-Czernik; Beata	Little Rock	AR	72227	

US-CL-CURRENT: [530/358](#); [435/320.1](#), [435/325](#), [536/23.1](#)[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[RMC](#) | [Draw Desc](#) | [Image](#)☐ 33. Document ID: US 5905146 A

L21: Entry 33 of 36

File: USPT

May 18, 1999

US-PAT-NO: 5905146
DOCUMENT-IDENTIFIER: US 5905146 A

TITLE: DNA binding protein S1-3

DATE-ISSUED: May 18, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lecka-Czernik; Beata	Little Rock	AR		

US-CL-CURRENT: 536/23.5; 435/252.3, 435/320.1, 435/325, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 34. Document ID: US 5703048 A

L21: Entry 34 of 36

File: USPT

Dec 30, 1997

US-PAT-NO: 5703048
DOCUMENT-IDENTIFIER: US 5703048 A

TITLE: Protection against liver damage by HGF

DATE-ISSUED: December 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roos; Filip	Brisbane	CA		
Schwall; Ralph	Pacifica	CA		

US-CL-CURRENT: 514/12; 435/360, 514/2, 514/838, 514/893, 514/894, 530/350, 530/399

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 35. Document ID: US 5654404 A

L21: Entry 35 of 36

File: USPT

Aug 5, 1997

US-PAT-NO: 5654404
DOCUMENT-IDENTIFIER: US 5654404 A

TITLE: Protection against liver damage by HGF

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roos; Filip	Brisbane	CA		
Schwall; Ralph	Pacifica	CA		

US-CL-CURRENT: 530/387.3; 424/134.1, 424/136.1, 424/178.1, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 36. Document ID: US 5286654 A

L21: Entry 36 of 36

File: USPT

Feb 15, 1994

US-PAT-NO: 5286654

DOCUMENT-IDENTIFIER: US 5286654 A

TITLE: Detection and purification of activin polypeptide

DATE-ISSUED: February 15, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cox; Edward T.	Foster City	CA		
Mather; Jennie P.	Millbrae	CA		
Sliwkowski; Mary B.	San Carlos	CA		
Woodruff; Teresa K.	Millbrae	CA		

US-CL-CURRENT: 436/501; 436/536, 530/388.22, 530/395, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Terms	Documents
L19 and prokaryote	36

Display Format: [CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

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L21: Entry 22 of 36

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009436
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020009436 A1

TITLE: Methods and compositions for inhibiting adhesion by microorganisms

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doyle, Ron J.	Louisville	KY	US	
Cowan, M. M.	Cincinnati	OH	US	

US-CL-CURRENT: 424/94.6; 424/94.63

CLAIMS:

We claim:

1. A method of reducing binding of a microorganism to a surface, comprising enzymatically modifying an adhesin on the microorganism.
2. The method of claim 1, wherein enzymatically modifying comprises contacting the microorganism with a polyphenol oxidase, an asparaginase, or a combination thereof.
3. The method of claim 1, wherein the microorganism comprises a prokaryote, a eukaryote, a virus, or a combination thereof.
4. The method of claim 3, wherein the prokaryote comprises a gram-positive bacterium, a gram-negative bacterium, or a combination thereof.
5. The method of claim 3, wherein the prokaryote comprises a Staphylococcus.
6. The method of claim 3, wherein the eukaryote comprises a fungus or protozoan.
7. The method of claim 6, wherein the fungus comprises a Candida.
8. The method of claim 1, wherein the adhesin comprises a lectin.
9. A method of reducing adhesion by a microorganism, comprising exposing the microorganism to an effective amount of an enzyme which reduces adhesion by a microorganism.
10. The method of claim 9, wherein the enzyme catalyzes a reaction for modifying a molecule on the microorganism.
11. The method of claim 9, wherein the enzyme catalyzes modification of a side chain of an amino acid.
12. The method of claim 11, wherein the amino acid is found in the binding site an adhesin.
13. The method of claim 11, wherein the amino acid comprises asparagine, tyrosine, or a combination thereof.

14. The method of claim 9, wherein the enzyme modifies a carbohydrate binding site on the microorganism.
15. The method of claim 12, wherein a lectin comprises the carbohydrate binding site.
16. The method of claim 9, wherein the enzyme comprises a polyphenol oxidase, an asparaginase, or a combination thereof.
17. The method of claim 9, wherein the microorganism comprises a prokaryote, a eukaryote, a virus, or a combination thereof.
18. The method of claim 17, wherein the prokaryote comprises a gram-positive bacterium, a gram-negative bacterium, or a combination thereof.
19. The method of claim 18, wherein the prokaryote comprises a Staphylococcus.
20. The method of claim 17, wherein the eukaryote comprises a fungus or protozoan.
21. The method of claim 20, wherein the fungus comprises a Candida.
22. A method of treating an animal, comprising administering to the animal an effective amount of an enzyme which reduces adhesion by a microorganism to the animal's cells or tissues.
23. The method of claim 22, wherein the enzyme comprises a polyphenol oxidase, an asparaginase, or a combination thereof.
24. The method of claim 22, wherein the microorganism comprises a prokaryote, a eukaryote, a virus, or a combination thereof.
25. The method of claim 24, wherein the prokaryote comprises a gram-positive bacterium, a gram-negative bacterium, or a combination thereof.
26. The method of claim 24, wherein the prokaryote comprises a Staphylococcus.
27. The method of claim 24, wherein the eukaryote comprises a fungus or a protozoan.
28. The method of claim 27, wherein the fungus comprises a Candida.
29. The method of claim 22, wherein administering the enzyme comprises oral or topical administration.
30. The method of claim 29, wherein administering the enzyme comprises topical administration to a nasal tissue.
31. The method of claim 29, wherein administering the enzyme comprises oral administration to a digestive tissue.
32. The method of claim 31, wherein the oral administration to the digestive tissue comprises administering a sustained release formulation or an enteric formulation.
33. An oral care composition comprising an effective amount of an enzyme which reduces adhesion by a microorganism.
34. The oral care composition of claim 33, wherein the enzyme comprises a polyphenol oxidase, an asparaginase, or a combination thereof.
35. The oral care composition of claim 33, wherein the microorganism comprises a prokaryote, a eukaryote, a virus, or a combination thereof.
36. The oral care composition of claim 35, wherein the prokaryote comprises a gram-positive bacterium, a gram-negative bacterium, a protozoan, or a combination thereof.

37. The oral care composition of claim 35, wherein the prokaryote comprises a Staphylococcus.
38. The oral care composition of claim 35, wherein the eukaryote comprises a fungus or protozoan.
39. The oral care composition of claim 33, further comprising a buffer, a peroxide, a source of copper ion, an oxygen generating compound, or a combination thereof.
40. The oral care composition of claim 33, wherein the oral care composition comprises a mouthwash, a toothpaste, an implant, or a combination thereof.
41. The oral care composition of claim 33, wherein the oral care composition comprises a solid, a semi-solid, or a liquid composition.
42. A method for reducing adhesion by a microorganism to oral tissues or cells, comprising exposing the oral tissues or cells to an oral care composition comprising an effective amount of an enzyme which reduces adhesion by a microorganism.
43. The method of claim 42, wherein the oral care composition comprises a mouthwash, a toothpaste, an implant, or a combination thereof.
44. A method for reducing adhesion by a microorganism to a dental prosthesis, comprising exposing the dental prosthesis to an oral care composition comprising an effective amount of an enzyme which reduces adhesion by a microorganism.
45. The method of claim 44, wherein the dental prosthesis comprises a denture.
46. A method of making an oral composition useful for reducing adhesion by a microorganism, comprising the step of adding to an oral composition an effective amount of an enzyme which reduces adhesion by a microorganism.
47. A pharmaceutical composition comprising an effective amount of polyphenol oxidase which reduces adhesion by a microorganism and a pharmaceutically acceptable carrier.
48. The pharmaceutical composition of claim 47, wherein the polyphenol oxidase comprises polyphenol oxidase isolated from a microorganism or plant.
49. The pharmaceutical composition of claim 47, wherein the microorganism or plant comprises a thermophilic microorganism, a thermophilic fungus, or a mushroom.
50. The pharmaceutical composition of claim 47, wherein the polyphenol oxidase comprises recombinant polyphenol oxidase.